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Idaho National Engineering and Environmental Laboratory

February 11, 2002

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

B-106 "NETWORK AND TOPOLOGY FOR IDENTIFYING, LOCATING AND QUANTIFYING PHYSICAL PHENOMENA, SYSTEMS AND METHODS FOR EMPLOYING SAME"

Dear Sir:

Enclosed is a Patent Application, including Certificate of Express Mailing; 6 Pages of Informal Drawings; Executed Oath and Declaration; Patent Assignment, together with Recordation Form Cover Sheet in duplicate; Information Disclosure Statement, together with PTO Form 1449 and attachments, Fee Transmittal sheet in duplicate; and a return receipt postcard.

Sincerely,

*Mandy Landon*

Mandy Landon  
Executive Assistant  
BBWI Legal Services

ML

Enclosures

cc: R. J. Fisher, DOE Chicago

02/11/02  
U.S. PTO

Express Mail # EI568967833U

Attorney Docket No. B-106

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

jc997 U.S. PTO  
10/074598  
02/11/02

### NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

Inventor(s): Richardson et al.

For (title): NETWORK AND TOPOLOGY FOR IDENTIFYING, LOCATING AND QUANTIFYING PHYSICAL PHENOMENA, SYSTEMS AND METHODS FOR EMPLOYING SAME

Enclosed are:

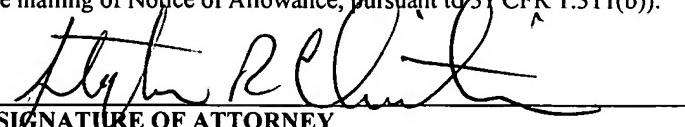
- 16 pages of specification (not including abstract)  
 6 sheets of drawing(s).  informal  formal  
 An assignment of the invention to Bechtel BWXT Idaho, LLC  
 A certified copy of a \_\_\_\_\_ application.  
 An associate power of attorney.  
 Declaration for Utility or Design Patent Application and Power of Attorney.  
 Information Disclosure Statement.  
 Form PTO-1449 (together with citations).

Fee Calculation (37 CFR 1.16)

CLAIMS AS FILED

NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$740.00
Total Claims (37 CFR 1.16(c)) 53 -20=	33	X \$18.00	594.00
Independent Claims (37 CFR 1.16(b)) 5-3=	2	X \$84.00	168.00
Multiple dependent claim(s), if any (37 CFR 1.16(d))		\$280.00	= 0
			TOTAL \$1502.00

- Please charge Deposit Account No. 05-0565 in the amount of \$1502.00.  
A duplicate copy of this sheet is attached.  
 A check in the amount of \$ \_\_\_\_ to cover the filing fee is enclosed.  
 A check for \$ \_\_\_\_ is enclosed to cover the assignment recordation fee.  
 The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 05-0565:  
 Any additional filing fees required under 37 CFR 1.16(a), (f) or (g) (filing fees).  
 Any additional filing fees required under 37 CFR 1.16(b), (c) and (d) presentation of extra claims.)  
 Any additional filing fees required under 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application).  
 Any patent application processing fees under 37 CFR 1.17.  
 The issue fee set in 37 CFR 1.18 (at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

  
SIGNATURE OF ATTORNEY  
Stephen R. Christian  
Reg. No. 32,687

Docket No.:B-106

CERTIFICATE OF MAILING BY EXPRESS MAIL

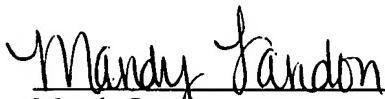
EXPRESS MAIL LABEL NO.: EI568967833US

Date of deposit: February 11, 2002

I hereby certify that the enclosed Patent Application NETWORK AND TOPOLOGY FOR IDENTIFYING, LOCATING AND QUANTIFYING PHYSICAL PHENOMENA, SYSTEMS AND METHODS FOR EMPLOYING SAME is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 C.F.R. Section 1.10 on the date indicated above in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231, BOX PATENT APPLICATION.

Respectfully submitted this 11th Day of February, 2002.

Respectfully Submitted,

  
\_\_\_\_\_  
Mandy Landon

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